

1 **WHAT IS CLAIMED IS:**

2 1. An operating system that uses artificial intelligence processing
3 comprising:

4 a front code and a rear code;

5 an artificial intelligence engine used to compute an experience analytic
6 parameter from the front code and the rear code with a predetermined value of
7 the experience analytic parameter, wherein the experience analytic parameter is
8 alternatively added to either the front code or the rear code to compute a new
9 experience analytic parameter;

10 an experience analytic and statistical module to record and modify the
11 experience analytic parameter;

12 a modification module to modify the front code and the rear code in
13 accordance with a calculation result of the experience analytic and statistical
14 module about the experience analytic parameter; and

15 a user interface to input data or display the calculation result,

16 wherein the artificial intelligence engine comprises:

17 an artificial intelligence deductive module used to compute an artificial
18 intelligence value based on the front code or rear code, and including a multiple
19 artificial intelligence calculation systems;

20 a deductive control module with a control parameter used to control which
21 calculation system of the artificial intelligence deductive module is used;

22 a knowledge learning module used to correlate the artificial intelligence
23 values of the corresponding front code and rear code to correlate the relationship
24 of the corresponding intelligence values; and

1 a relative comparison module used to compute the experience analytic
2 parameter according to the artificial intelligence values of the corresponding
3 front code and rear code.

4 2. The operating system as claimed in claim 1 further comprising a front
5 code calculation module used to compute the front code from the data element(s)
6 input from the user interface.

7 3. The operating system as claimed in claim 2, wherein the front code
8 calculation includes an experience parameter for computing the front code.

9 4. The operating system as claimed in claim 3, wherein the experience
10 parameter of the front code calculation module is composed of a constant and a
11 variable.

12 5. The operating system as claimed in claim 4, wherein the variable of the
13 experience parameter is changed by the calculation result of the modification
14 module.

15 6. The operating system as claimed in claim 1 further comprising a database
16 containing multiple data elements; and

17 a rear code calculation module used to compute the rear code from each data
18 element in the database.

19 7. The operating system as claimed in claim 6, wherein the database is
20 interconnected with the other database.

21 8. The operating system as claimed in claim 6, wherein the rear code
22 calculation includes an experience parameter for computing the rear code.

23 9. The operating system as claimed in claim 6, wherein the experience
24 parameter of the rear code calculation module is composed of a constant and a

1 variable.

2 10. The operating system as claimed in claim 9, wherein the variable of the
3 experience parameter is changed by the calculation result of the modification
4 module.

5 11. The operating system as claimed in claim 1, wherein the predetermined
6 value of the experience analytic parameter is zero.

7 12. The operating system as claimed in claim 1, wherein the predetermined
8 value of the experience analytic parameter is a value which is computed by the
9 operating system the last time.

10 13. The operating system as claimed in claim 1 further comprising a cycle
11 timing parameter added to each front code and rear code.

12 14. The operating system as claimed in claim 13, wherein the cycle timing
13 parameter is generated based on the time each data element is input.

14 15. The operating system as claimed in claim 1, wherein the calculation
15 systems of the artificial intelligence deductive module contain a fuzzy
16 calculation system, a nerve node calculation system and an expert calculation
17 system.

18 16. The operating system as claimed in claim 1, wherein the control
19 parameter is generated base on the items that the user inputs from the user
20 interface.

21 17. The operating system as claimed in claim 1, in which a cycle timing
22 parameter that is generated based on the time between inputting the input data
23 and input items of the user can be added to the knowledge learning module.

24 18. The operating system as claimed in claim 1 further comprising a relative

- 1 comparison control module used to set and determine environment parameters of
- 2 the relative comparison module.